

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A system for communications between computers in a CIM and DMI network, comprising:

a proxy CIMOM in communications with a plurality of CIM client applications;

a DMI service provider in communications with a plurality of DMI component instrumentation; and

a CIM to DMI provider connected to the proxy CIMOM and the DMI service provider to register the plurality of CIM client applications and the plurality of DMI component instrumentation, receive events from the DMI service provider, receive interrupts from the proxy CIMOM, receive information from both the proxy CIMOM and the DMI service provider and translate all said interrupts, said events, and said information into a format suitable for an intended recipient, wherein said intended recipient comprises either the proxy of CIM client applications or the plurality of DMI component instrumentation.
2. (Original) The system recited in claim 1, wherein the CIM to DMI provider further comprises: a DMI events and CIM requests processing module to register the plurality of CIM client applications and the plurality of DMI component instrumentation, receive events from the DMI service provider, receive interrupts from the proxy CIMOM, receive information from both the proxy CIMOM and the DMI service provider.

3. (Original) The system recited in claim 2, wherein the CIM to DMI provider further comprises: a CIM to DMI translation module connected to the DMI events and CIM requesting module to translate DMI requests and messages to CIM objects and to translate CIM objects to DMI requests and messages.
4. (Original) The system recited in claim 3, wherein the CIM to DMI provider further comprises: a CIMOM interface provider connected to the proxy CIMOM and the DMI events and CIM requests processing module to receive CIM client application requests and transmit the CIM client application requests to the DMI events and CIM request processing module and receive CIM objects from the DMI events and CIM requests processing module and transmit the CIM objects to the proxy CIMOM.
5. (Original) The system recited in claim 3, wherein the CIM to DMI provider further comprises: a DMI event callback interface module connected to the DMI service provider and the DMI events and CIM requests processing module to receive DMI events and transmit the DMI events to the DMI events and CIM requests processing module.
6. (Original) The system recited in claim 5, wherein the CIM to DMI provider further comprises: a CIMOM event interface connected to the proxy CIMOM and the DMI events and CIM requests processing module to transmit CIM interrupts to the proxy CIMOM translated from the DMI events received by the DMI event callback interface and transmitted by the DMI events and CIM requests processing module using the CIM to DMI translation module.

7. (Original) The system recited in claim 3, wherein the CIM to DMI provider further comprises: a CIM provider callback interface connected to the proxy CIMOM and the DMI events and CIM requests processing module to receive CIM requests from the plurality of CIM client applications and transmit them to the DMI events and CIM requests processing module and to transmit to the proxy CIM all the translated DMI events received from the DMI events and CIM requests processing module.
8. (Original) The system recited in claim 7, wherein the CIM to DMI provider further comprises: a DMI management client interface connected to the DMI service provider and the DMI events and CIM requests processing module to receive DMI requests from the DMI service provider and transmit them to the DMI events and CIM request processing module and receive from the DMI events and CIM requests processing module CIM requests translated into DMI format and transmitting the DMI formatted CIM requests to the DMI service provider.
9. (Original) A method of communicating between computers in a CIM network and a DMI network, comprising:
instantiating an object request for a class by a CIM client application;
transmitting the object request to a proxy CIMOM that relays the object request to
a CIM to DMI provider; translating the object request to a DMI request;
and
transmitting to the DMI request to a DMI component instrumentation via a DMI service provider.

10. (Original) The method recited in claim 9, further comprising: transmitting an event generated by the DMI component instrumentation to the CIM to DMI provider via the DMI service provider; translating the event into a CIM interrupt; and transmitting the CIM interrupt to a CIM client application via a proxy CIMOM.
11. (Original) The method recited in claim 9, further comprising: registering a CIM to DMI provider with a DMI service provider as a DMI management application; receiving a DMI event or CIM request; translating the DMI event into a CIM interrupt or the CIM request into a DMI request; and transmitting the translated CIM interrupt to the CIM client application or the translated DMI request to the DMI component instrumentation.
12. (Original) The method recited in claim 9, wherein translating the object request to a DMI request is done by a CIM to DMI translation module.
13. (Original) A computer program embodied on a computer readable medium executable by a computer, comprising:
instantiating an object request for a class by a CIM client application;
transmitting the object request to a proxy CIMOM that relays the object request to
a CIM to DMI provider;
translating the object request to a DMI request; and
transmitting the DMI request to a DMI component instrumentation via a DMI
service provider.

14. (Original) The computer program recited in claim 13, further comprising:
transmitting an event generated by the DMI component instrumentation to the
CIM to DMI provider via the DMI service provider; translating the event into a
CIM interrupt; and transmitting the CIM interrupt to a CIM client application via
a proxy CIMOM.
15. (Original) The computer program recited in claim 13, further comprising:
registering a CIM to DMI provider with a DMI service provider as a DMI
management application; receiving a DMI event or CIM request; translating the
DMI event into a CIM interrupt or the CIM request into a DMI request; and
transmitting the translated CIM interrupt to the CIM client application or the
translated DMI request to the DMI component instrumentation.
16. (Original) The computer program recited in claim 13, wherein translating the
object request to a DMI request is done by a CIM to DMI translation module.